

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on line 8 of page 19 with the following rewritten paragraph:

A1
The ~~Nb~~ Na correction signals (complex signals) for the respective antenna elements are used a plurality of times for calculating the delay profiles of a plurality of antenna directivities, the ~~Nb~~ Na correlation signals are temporarily stored in the memories $201_1 - 201_{Na}$. After the stored ~~Nb~~ Na correlation signals are read from the memories $201_1 - 201_{Na}$, they are multiplied by weighting coefficients indicated by the weighting controller 108 by the multipliers $202_1 - 202_{Na}$, and then added to each other by the adder 203. The sum signal produced by the adder 203 is converted into a power value by the power calculator 204. Since the correlation signals are complex signals, the power can be calculated by calculating the sum of the squares of the real and imaginary parts of the correlation signals.

Please replace the paragraph bridging pages 19 and 20 with the following rewritten paragraph:

A2
The memories $207_1 - 207_{Nb}$ ~~207~~_{Na} for storing interim calculated results are initially cleared to zero, and then controlled by the selectors 206, 208 to add a correlation power value calculated in each slot and read interim calculated results to each other, and store again updated interim calculated results.